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| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number       | 10/039,833     |
|   |                        | Filing Date              | 01-04-2002     |
|   |                        | First Named Inventor     | ALARCON et al. |
|   |                        | Art Unit                 |                |
|   |                        | Examiner Name            |                |
| Sheet <u>1</u> of <u>5</u>  | Attorney Docket Number | P-5074                   |                |

| U.S. PATENT DOCUMENTS |                       |  |                             |   |   |
|-----------------------|-----------------------|--|-----------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                            | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number - Kind Code <sup>2</sup> (if known) |                             |   |   |
| [Signature]           |                       | US- 6197534                                | 03-06-2001                  | Lackowicz, et al.                               | [X]   |
|                       |                       | US- 6016689                                | 01-25-2000                  | Bright, et al.                                  |   |
|                       |                       | US- 2002004217                             | 01-10-2002                  | Hellinga  |   |
|                       |                       | US- 5910661                                | 06-08-1999                  | Colvin  |   |
|                       |                       | US- 5894351                                | 04-13-1999                  | Colvin  |   |
|                       |                       | US- 5650311                                | 07-22-1997                  | Avnir, et al.                                   |   |
|                       |                       | US- 5577137                                | 11-19-1996                  | Churchill, et al.                               |   |
|                       |                       | US- 5517313                                | 05-14-1996                  | Colvin  |   |
|                       |                       | US- 5200334                                | 04-06-1993                  | Dunn, et al.                                    |   |
|                       |                       | US- 5300564                                | 12-29-1998                  | Avnir, et al.                                   |   |
| [Signature]           |                       | US- 5342789                                | 08-30-1994                  | Chick, et al.                                   | [X]   |
|                       |                       | US-  |                             |   |   |
|                       |                       | US- 5165407                                | 11-24-1992                  | Bindra, et al.                                  |   |
|                       |                       | US- 5298022                                | 03-29-1994                  | Bernardi  |   |
|                       |                       | US- 5001054                                | 03-19-1991                  | Wagner  |   |
|                       |                       | US-  |                             |   |   |
|                       |                       | US- 4703756                                | 11-03-1987                  | Gough, et al.                                   |   |
|                       |                       | US- 5445920                                | 08-29-1995                  | Saito   |   |
|                       |                       | US- 6080402                                | 06-27-2000                  | Reetz et al.                                    |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                             |   |   |
|--------------------------|-----------------------|---|-----------------------------|---|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                          |                       | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                             |   |   |
| [Signature]              |                       | EP775669B1  | 05-02-2001                  | Smith, et al.                                   |   |
|                          |                       | WO0059370   | 10-12-2000                  | Lowe, et al.                                    |   |
| [Signature]              |                       | EP409033- NO TRANSLATION  | 04-01-1992                  | Schaffar  |   |
|                          |                       | JP60029657  | 08-05-1992                  | DERWENT ABSTRACT                                |   |
|                          |                       | JP2120655   | 01-26-1998                  | DERWENT ABSTRACT                                |   |
|                          |                       | JP2248852   | 12-10-1997                  | DERWENT ABSTRACT                                |   |
|                          |                       | JP4215054   | 03-27-1992                  | DERWENT ABSTRACT                                |   |
|                          |                       | JP60159643  | 08-31-1987                  | DERWENT ABSTRACT                                |   |

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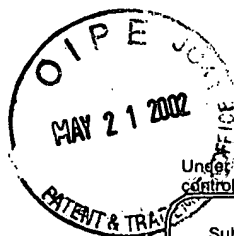
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| Examiner Name          |                |
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## U.S. PATENT DOCUMENTS

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| A                  |                       | US- 5817493                                | 10-06-1998                     | Reetz et al.                                       |   |
|                    |                       | US- 5200334                                | 04-06-1993                     | Dunn et al.  |   |
|                    |                       | US- 5292801                                | 03-08-1994                     | Avnir et al.                                       |   |
|                    |                       | US- 5501836                                | 03-26-1996                     | Myerson  |   |
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|                    |                       | US- 6197534 B1                             | 03-06-2001                     | Lakowicz et al.                                    |   |
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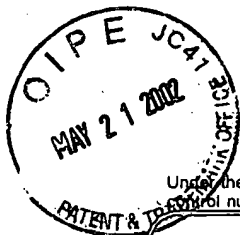
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| Examiner Signature | Alexander | Date Considered | 8/1/03 |
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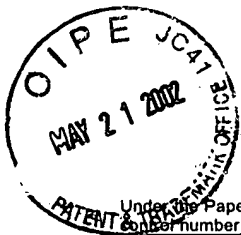
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| Examiner<br>Initials                               | Cite<br>No. <sup>1</sup>  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published  | T <sup>2</sup> |
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|-----------------------|-------------------|--------------------|--------|
| Examiner<br>Signature | <i>Alan Allen</i> | Date<br>Considered | 8/4/03 |
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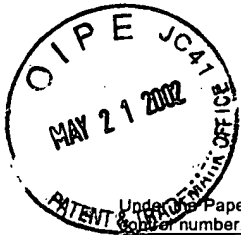
| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |  |  |                |
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| Examiner<br>Initials <sup>1</sup>                  | Cite<br>No. <sup>1</sup>   | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>2</sup> |
| [Handwritten mark]                                 |  | DAVE, B. C., MILLER, J. M., DUNN, B., VALENTINE, J. S., and ZINK, J. I.; Encapsulation of Proteins in Bulk and Thin Film Sol-Gel Matrices. Journal of Sol-Gel Science and Technology 1997, 8, p.629-634  |                |
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| [Handwritten initials]                             |                          | GOWDA, A; et al.; Development of an implantable skin port sensor for use as an in-vivo optical glucose sensing platform. Proc. SPIE Vol. 4263, (2001) p. 11-19, Optical Diagnostics and Sensing of Biological Fluids and Glucose and Cholesterol Monitoring, Alexander V. Prietzhev; Gerard L. Cote; Eds. |                |
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